



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

SEP 18 2013

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Article Number: 7005 3110 0000 5939 9026

Mr. Robert Juliano
Village Clerk
Village of Port Jefferson
121 West Broadway
Port Jefferson, New York 11777

Re: MS4 Inspection - Village of Port Jefferson
NPDES Permit No. NYR20A326

Dear Mr. Juliano:

This is in reference to the United States Environmental Protection Agency's (USEPA) Region 2, MS4 Compliance Evaluation Inspection (CEI) at the subject facility on August 19-20, 2013. This inspection report includes recommendations and areas of potential noncompliance that should be addressed (see the enclosed report).

Within thirty (30) days of receipt of this letter, please respond to the USEPA in writing with the actions that the facility has taken or will take to address the potential noncompliance items and areas of concern identified in this report. Also, please send copies of your response to Joe DiMura, P.E., Director, Bureau of Water Compliance Programs, Division of Water, NYSDEC, 625 Broadway, Albany, NY 12233-3506.

Should you have any questions feel free to contact Jerry Ciotola at (212) 637-4223 or Mrs. Justine Modigliani, Chief Compliance Section at (212) 637-4268.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. McKenna", written over a horizontal line.

Mr. Douglas McKenna, Chief
Water Compliance Branch

Enclosure

cc: Joe DiMura, P.E., Director, Bureau of Water Compliance Programs, NYSDEC
Sara Dorman, NYSDEC Region 1, Stony Brook



United States Environmental Protection Agency
Washington, D.C. 20460
Water Compliance Inspection Report

Form Approved.
OMB No. 2040-0057

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	NYR20A326	12 13 09 03 17	-	R	1
Remarks					
21					
66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	Reserved	
67 2		71	72	73	74 75 80

Section B: Facility Data

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
Village of Port Jefferson 121 W. Broadway Port Jefferson, NY 11777	8/21/13 (9:30am)	N/A
	Exit Time/Date	Permit Expiration Date
	8/22/13 (2:00pm)	N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
Brian M. McCaffrey, Stormwater Management Program Director Village of Port Jefferson (631) 473-4724		
Name, Address of Responsible Official/Title/Phone and Fax Number(s)		
Margot Garant, Mayor 631-473-4724		
Contacted		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/> Records/Reports	<input checked="" type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Multimedia
<input checked="" type="checkbox"/> Effluent/Receiving Water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water MS4	<input type="checkbox"/> Other: STP's

Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)

See Attached Report.

Also present on site:

Robert Ferri, Environmental Protection Agency, R2-WCB (212) 637-4227
Sara Dorman, NYSDEC Region 1, Stony Brook, NY

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
 Jerry Ciotola, Env. Eng.	EPA/DECA-WCB (212) 637-4223/FAX:x4211	9/3/2013
Signature of Management Q/A Reviewer	Agency/Office/Phone and Fax Numbers	Date
 Justine Modigliani, Chief, Compliance Section	EPA/DECA-WCB/(212) 637-4268/FAX:x4211	9/17/13

MS4 Inspection Report/Village of Port Jefferson, NY (NYR20A326)
August 21-22, 2013

Brian M. McCaffrey
Stormwater Management Program Director
Village of Port Jefferson
631-473-4724

Background

The Village of Port Jefferson (“the Village”) is located on the north shore in Suffolk County, New York with a population of 7,750 based on the 2010 census. Port Jefferson is bordered on the north by the Long Island Sound, on the south by Brookhaven (Port Jefferson is an incorporated Village in the Town of Brookhaven), on the west by the Setauket and Mt. Sinai to the east.

The Village has a total land area of 3.0 square miles. The Village is primarily a residential community. Boating is a prime recreation, with Port Jefferson Harbor (“the Harbor”) as a natural deepwater harbor on the North Shore of Long Island.

Village stormwater flows to the Harbor via Mill Creek and various bulk-headed outfalls. The New York State Department of Environmental Conservation identifies Port Jefferson Harbor on its water quality 303d List (Individual Waterbodies with Impaired Segments) as a waterbody with pollution due to pathogen loading. The Village’s separate stormwater conveyance system, maintained by the Village’s Department of Public Works, consists of storm water outfalls, catch basins, drywells, and interconnecting pipes. The sanitary sewage collection system covers most of the area downtown and surrounding Main Street, with the majority of the outlying areas having on-site systems (cesspools and septic tanks). There are 2 lift stations with low pressure force mains within the collection sanitary system. The sewage treatment plant and drinking water is run by the Suffolk County Sewer District.

The Village’s Storm Water Management Plan was prepared on July 31, 2010. According to the most recent Municipal Compliance Certification Filing to NYSDEC, ending March 9, 2012, the Village has a total of twenty eight (28) stormwater outfalls, ten of which drain directly to Port Jefferson Harbor. The latest mapping identified 32 outfalls under Port Jefferson Village control. According to Brian McCaffrey, the Village Planning Dept. does the reviews of construction stormwater plans.

Introduction

On August 21, 2013, after inspecting the Village Municipal Garage and Public Works Highway Department facility, an opening meeting was held with Village officials that included: Bruce M. D’Abramo, Trustee for the Village, Brian McCaffrey, Village Consultant and New York State Department of Environmental Conservation official Sara Dorman.

The meeting was held at the Village Hall. During the meeting, we had the opportunity to discuss general requirements of the Municipal Separate Storm Sewer System (MS4) permit, and focus on Part VIIA re: Illicit Discharge Detection and Elimination (IDDE) dated, and SWMP development and implementation. Brian explained how the Village’s stormwater system is laid out, and provided detailed mapping

information in hard copy, an IDDE Plan dated May 17, 2012, a SWMP dated July 31, 2010, a Self-Assessment of Operations dated August 9, 2013, and a Draft Watershed Management Plan for Reducing Pathogen Loading, dated December 7, 2011. All of Port Jefferson's stormwater outfalls were GPS field verified and fully mapped in February 2009. The County website has GIS data layers of the Village's infrastructure.

Inspections

August 21, 2013 am: Jerry Ciotola and Robert Ferri of EPA, and Bruce M. D'Abramo, Trustee for the Village

Weather Conditions: day of the inspection and previous day were both dry and mild

On January 21, 2013 an inspection of the Village of Port Jefferson Highway Department facility was conducted. The facility consists of a large vehicle garage and a salt storage shed on the site.

Paul Penske, Highway Department Foreman accompanied us and answered many of our questions at the site. The Highway Department handles road infrastructure. There was one large garage and a salt shed at the site. There is a sanitary disposal system (septic tank) for 22 employees at this site. There was a 4,000 gallon gas Underground Storage Tank (UST) (corrosion observed) that is pressure tested and sticked every day. Records are kept on site. There are two 1,000 gallon Above Ground Storage Tanks (AGST) for diesel and one 500 gallon AGST for waste oil. Spills are handled with Speedy Dry. The facility lacked spill kits. According to Brian McCaffrey (Village Consultant), a Spill Prevention Plan is being drafted for this site. There were no storm drains in the garage. Air conditioning work is done on site by a licensed technician, Joe Fenten. The only herbicide used on site is some Weed-be-Gone. No pesticides were stored or used, however, fertilizer is used. The parts washer is changed once per month. Calcium Chloride sacks are stored onsite for use on sidewalks. There is a trench drain along the back wall of the garage that drains to drywells and then to a sump across the street. There are four drywells out back and three in the parking lot in front. There is a hydraulic lift in the garage with a tank is on the lift itself. One battery was observed on site. A good portion of the storage area only had small cans of oils and fluids. The garage floor was dry at the time of our inspection. The Village has a street sweeper. The facility did not contain a designated truck washing area or washout for salt & sand bins. Trash containers in the truck loading and pickup area were observed uncovered. The facility also stored a pallet load of baseball field conditioner (a type of clay). There were numerous (>25) expended propane tanks that were ready to be discarded.

Jerry Ciotola and Robert Ferri of EPA, Sara Dorman of NYSDEC, Bruce M. D'Abramo, Trustee for the Village and Village Consultant Brian M. McCaffrey

After the meeting in the Village Hall the inspection team visited the Port Jefferson Country Club (and Golf Course) Maintenance Facility where Northstar Construction is putting in a new vehicle wash recycling system and storage building. The new building has a sealed bottom and is ventilated. The facility employs licensed applicator staff for lawn care products (pesticide, herbicide, insecticide and fertilizer). The wash water system is closed loop, recycled at the vehicle wash station (carbon base filter is used and chlorine is added). The filter is changed 3-4 times per year. Stormwater drains to the recycling system. Speedy dry is used for spills. The site has no Spill Prevention Plan and lacked spill kits. The two above ground storage tanks had secondary containment. The two tanks were 1,000 gallons of gasoline and 500 gallons of diesel. In the yard of the machinery garage (which was undergoing a

move) drums of lube oils should be on containment pallets. There was a hydraulic compressor for air tools.

August 21, 2013 pm: Jerry Ciotola and Robert Ferri of EPA, Sara Dorman of NYSDEC

Village Vista's Construction Site
415 Liberty Avenue
Port Jefferson, NY 11777
Contact: William M. Kelly, Project Manager

The inspection team of Ciotola, Ferri, and Dorman conducted an on-site inspection of the Village Vistas housing project. Inspectors' noted that the BMP controls were inadequate due to steep slopes, and loading for silt fencing alone to be inadequate for a site this size. A separate inspection report has been prepared for this site.

August 22, 2013 am: Jerry Ciotola and Robert Ferri of EPA, Sara Dorman of NYSDEC and Village Consultant Brian M. McCaffrey

Weather for the day was an intense steady rain (100% humidity)

The morning was spent inspecting the Village stormwater outfalls along Mill Creek and Port Jefferson Harbor. Many of the outfalls became submerged and flowing with heavy loads of brown sediment and suspended solids. The entire Mill Creek changed color from the morning visit from green to brown.
- See separate spreadsheet for outfall inspections

After noon: Revisited the roads adjacent to Village Vistas Development

Inspectors observed heavily laden sediment streams flowing down the hill off of the Village Vistas site into the street (Liberty Avenue). Sediment stabilization controls for this site were inadequate due to the steep slopes.

Recommendations (Areas of Concern)

1. The garage and fueling areas lacked the required spill kits.
2. The Village Garage should have a Spill Prevention, Control and Countermeasure (SPCC) Plan for the two above ground storage tanks at the facility. The Country Club maintenance facility should also have a SPCC Plan for their above ground tanks.
3. The garage does not have a designated truck wash area nor any provision for a washout area for salt/sand bins. Trash hauler containers were not covered.
4. The trench drain behind the garage drains to (4) drywells. It is highly recommended that these wells be filtered. All drywells should be registered with EPA's Underground Injection Control program.
5. The IDDE Program was just recently developed and implemented. However, the Mill Creek, which flows directly to the Harbor, is highly laden with silt and sediment.
6. Part VIII A.4 of the MS4 permit GP-0-10-002 requires the Village to implement a program of construction site stormwater runoff controls. In the case of Village Vistas, Permit # NYR10U276,

oversight appears to be inadequate and the SWPPP put in place should be revised to satisfy state standard requirements for controls.

Outfalls Inspected by EPA (8/22/13)

The outfalls are on a separate spreadsheet.

The following outfalls have been recommended for EPA sampling due to indications of silt, sediment, plumes, or oily sheens in and around the discharge locations.

<u>Outfall ID</u>	<u>Location</u>	<u>Pipe Size/Type</u>	<u>General Inspection Observations</u>
#1	bulkhead to LIS	36" PVC	moderate flow with solids/sediment
#10	Boat Place Marina	42" corrugated	heavy sediment/(GPS).40.56.771"-74.04.335
#12	Boat Place Marina	10"PVC	oil & grease observed near outfall
#13	Barnum Street and Mill Creek	15"concrete	sediment/solids/(GPS)40.56.699"-073.04.285
#17	behind Port Jefferson Village Hall	8" concrete	large sediment plume
#31	Barnum Street and Mill Creek	3"PVC	accumulated sediment with floatables
#33	Barnum Street and Mill Creek	18" concrete	large amount of sediment in outfall location

PHOTOGRAPH LOG (Panasonic Lumix L8Z)

Village of Port Jefferson, NY (Unedited photos taken by Jerry Ciotola, Environmental Engineer,
USEPA Region 2, Water Compliance Branch, August 22, 2013





Three outfalls pictured above draining to Mill Creek exhibiting high loads of silt, sediment, and floatables

Barnum Street #32	pipe	8"	concrete	good	none	none	none	none	none	none	none	none	orange	10	Mill Creek
Rain becomes heavy															
#26	pipe	12"	concrete	good	none	none	none	low	none	none	none	none	none		<u>Mill Creek</u>
#21	pipe	18"	corr metal	good	partial	none	none	low	none	none	none	none	none		<u>Mill Creek</u>
#22	pipe	15"	concrete	good	none	none	none	low	none	none	none	none	none		Mill Creek
#23	pipe	15"	steel	good	none	none	none	low	none	none	none	none	none	11	Mill Creek
at Boat Place Marina #12	pipe	10"	PVC	good	none	none	none	moderate	muddy	none	none	none	none	12	Sound
at Boat Place Marina #11	pipe	15"												13	Sound
at Boat Place Marina #10	pipe	42"	corr plastic	good	none	none	sediment	low	none	none	sediment	none	none	14	Sound
#9	pipe	30"	duck bill	good	none	none	none	none	none	none	none	none	none		Sound
#8	pipe	10"	PVC	good	none	none	none	none	none	none	none	none	none	15	Sound
#7	pipe	4"	PVC	good	none	none	none	moderate	none	none	none	none	none	16	Sound
#6	pipe	15"	concrete	good	none	none	none	moderate	none	none	none	none	none	17	Sound
#5	pipe	15"	concrete	good	partial	none	none	moderate	none	none	none	none	none		Sound
#4	pipe	15"	concrete											18	Sound
#3	pipe	15"	plastic											19	Sound
#2	pipe	15"	PVC	good	none	none	none	moderate	none	none	none	none	none		Sound
#1	pipe	36"	plastic	good	none	partial	trash	moderate	muddy	none	trash	trash	none		Sound

Notes

1. rust and iron bacteria in pipe
2. there was a small silt/sediment pile in front of outfall, possible sampling point, could not get GPS
3. fragmities
4. drop grate down to creek from bridge
5. could not observe
6. could not observe
7. photo, #31, #13 & #33 all in the same location
8. possible sample point, 40 56.699, -073 04.285
9. roof drain

10. water had heavy iron bacteria indication, parking lot water
11. behind ivy, hard to see
12. Observed oil in the nearby water.
13. could not observe under ramp
14. photo, 40 56.771", -074 04.335
15. not flowing in a heavy rain
16. receives water from a french drain
17. outfall is under the ferry dock and receives water from a french drain
- 18 East side of ferry bulkhead, could not observe
- 18 West side of ferry bulkhead, could not observe